



东莞中力仪器科技有限公司

ZhngLi Instrument Technology Co., Ltd.

Introduction

Name: ZL-8002C Desktop digital tensile testing machine



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Address: [No.62, Xinhe Management of Area, Wanjiang District, Dongguan city, Guangdong province ,China](#)

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Machine introduction:

ZL-8002C Desktop digital tensile testing machine is simple type tensile testing machine, simple structure, easy to operate, can be placed on the worktable to testing. Using the electronic control system, governor control speed regulating motor rotation, and then slow down by variable speed mechanical construction to drive T type lead screw Load sensor up and down, to complete specimen tensile or compression test. Force out put by sensor, feedback to display, test speed real-time display.

Especially suitable as production line control product quality testing instruments. This testing machine mainly suitable for test load is less than 2000KG non-metal and metal materials testing.

Main function:

This machine is applied to test all material in tension, compression, bending, shear, peel (90 degrees and 180 degrees), tear or two extended (need to add extensometer) and others, the material such as textile, rubber, plastics, synthetic leather, tape, adhesive, plastic film, composite materials, electronics, metals and other materials, it can judge the product quality from the test.

Main features:

1. The appearance of good design. For many years, our company have been very much pay attention to the appearance of the products, developed many products can be comparable to those of foreign models, surface is aluminum and electrostatic spray figure.
2. Digit Led can identify tension or stress, LCD interface clear, easy to read.
3. Units: N-K GF- LBF optional and can be automatically swap.
4. LCD Liquid crystal display with backlighting, Can be used in the environment of the insufficient light.
5. Single determination, can read tensile and press peak value, and can be manually reset.
6. With the function of limit and overload in downtime.
7. Contain thermal printers, can automatically output test results.
8. Can store 10 test reference points automatically calculate the average, automatic fetching max force, fracture strength value.

Corresponding standard:

《GB/T16491-1996 electronic universal testing machine》

Applicable industry:

It is widely used in wire and cable, hardware, electronic and electrical equipment, packaging, printing,

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medical equipment, auto parts, textiles and leather, clothing, shoes, rubber and plastic products, colleges and universities; research laboratories; inspection arbitration, technical supervision departments and many other industries, it is the basic equipment for quality management and physical tested.

Technical parameters:

Model	ZL-8002C
Max. load	2000KG US CELTRON high precision sensor
Capacity	100, 200, 500, 1000, 2000kg
Unite	Kg、lb、N
Measuring system	Load cell+ZL-2000
Load measurement accuracy	Load cell+ZL-2000, display \pm 0.5%(5%-100% of FS)
Resolution	1/25000
Max. test space	About 1000mm (Excluding fixture, support custom)
Effective width of test	380mm
Test speed	50-300mm/min, STEPLESS speed regulation and 5 constant speed(support custom)
Sampling rate	200times/sec
Set breakpoints ratio range	0~99%, can be set according different specimen, to Implement different location of the stop condition.
Safety device	Overload and emergency stop device, up and down stroke limit device
Dynamical system	AC motor + HOLIP frequency converter
Work rate	200W (According to load)
Volume	1100×700×2000mm
Weight	200kg
Power Supply	220V/50Hz

Related Machine Picture:

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The CE certificate:

CERTIFICATE	
With EU Directive of Machinery Directive (MD 2006/42/EC) & Low Voltage Directive(LVD 2014/35/EU)	
Certificate No.:	CE-15-1102-05
Holder:	DONGGUAN ZHONGLI INSTRUMENT TECHNOLOGY CO.,LTD. Room 722, Dongyuan Mansion, No.159 QiFeng Road, Dongguang city,P.R.C
Product:	Computer Universal tensile testing machine
Model(s):	ZL-8001 / ZL-8002 /ZL-8003 /ZL-8004 / ZL-8005 / ZL-8006ABCD/ZL-8007/ZL-8008/ZL-8009/ZI-8010
Standards:	EN ISO 12100:2010, EN 60204-1:2006+AC:2010
Based upon the voluntary assessment of the product sample and Technical Construction File, the apparatus is deemed to meet the requirements of the above standards and EC directives.	
The manufacturer has the responsibility for ensuring that all serial manufacture of the products are in compliance with the specification of the sample submitted for assessment and detailed in the technical file.	
	
Date: <u>11.02.2015</u>	Certification Body <i>For and on behalf of</i> EUROSCENE BUSINESS SOLUTIONS CO., LTD  Euroscene Business Solution
The CE marking may be used if all relevant and effective EC directives are complied with.	
Euroscene Business Solution Co., Ltd. 7/11 Minerva Road, Park Royal, London, NW10 6HJ	

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